

U.S. PCT Application Serial No.: 10/519,680
Docket No.: 263378US0PCT

STATEMENT OF RELEVANCY

- 1) References AA, AB, AE-AH have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References AD, AI-AK have been cited in the corresponding European Search Report. A copy of these references is being submitted herewith.
- 3) References AC, AL-AAX are discussed in the specification. A copy of these references is being submitted here with.
- 4) References _____ are additional prior art known to Applicant. A copy of these references is being submitted herewith.

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JC03 Rec'd PCT/PTO 22 MAR 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Claudio SOTO-JARA, et al

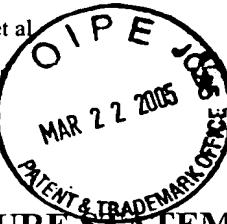
SERIAL NO: 10/519,680

FILED: January 7, 2005

FOR: BETA-SHEET BREAKING PEPTIDES

GAU:

EXAMINER:



INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified) LIST OF REFERENCES CITED BY APPLICANT		ATTY DOCKET NO. 263378US0PCT		SERIAL NO. 10/519,680	
		APPLICANT Claudio SOTO-JARA, et al.			
		FILING DATE January 7, 2005		GROUP	
		FOREIGN PATENT DOCUMENTS			
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	AA 01/34631	05/17/01	WO		NO
	AB 01/07473	02/01/01	WO		NO
	AC 96/39834	12/19/96	WO		NO
	AD 02/064734	08/22/02	WO		NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)					
AE	WEINSTEIN, B. "Chemistry and Biochemistry of Amino Acids, Peptides and Proteins, Passage," Chemistry and Biochemistry of Amino Acids, Peptides, and Proteins, vol. 7, pages 266-357, XP002032461 1982				
AF	SOTO, Claudio et al. "Inhibition of Alzheimer's Amyloidosis by Peptides that Prevent beta-Sheet Conformation", Biochemical and Biophysical Research Communications", vol. 226, no.3, pages 672-680, XP002050229 1996				
AG	PERMANNE, Bruno et al. "Reduction of amyloid load and cerebral damage in a transgenic mouse model of Alzheimer's disease by treatment with a beta-sheet breaker peptide", The FASEB Journal, vol. 16, no. 8, pages 860, 862, XP002265906 2002				
AH	ADESSI, Celine et al. "Pharmacological Profiles of Peptide Drug Candidates for the Treatment of Alzheimer's Disease", The Journal of Biological Chemistry, vol. 278, no. 16, pages 13905-13911, XP002265907 2003				
AI	PERMANNE, Bruno et al. "Reduction of amyloid load and cerebral damage in a transgenic mouse model of Alzheimer's disease by treatment with a beta-sheet breaker peptide", The FASEB Journal Express Article, no. 108411, pages 1-24, XP002237080 2002				
AJ	SOTO, Claudio et al. "Beta-sheet breaker peptides inhibit fibrillogenesis in a rat brain model of amyloidosis: Implications for Alzheimer's therapy", Nature Medicine, vol. 4, no. 7, pages 822-826, XP000914747 1998				
AK	PODUSLO, Joseph F. et al. "Beta-sheet Breaker Peptide Inhibitor of Alzheimer's Amyloidogenesis with Increased Blood-Brain Barrier Permeability and Resistance to Proteolytic Degradation in Plasma", Journal of Neurobiology, vol. 39, no.3, pages 371-382, XP009008758 1999				
AL	SELKOE, Dennis J. "Alzheimer's Disease: Genotypes, Phenotype, and Treatments", Science, vol. 275, pages 630-631 1997				
AM	YANKNER, Bruce A. et al. "Beta-Amyloid and the Pathogenesis of Alzheimer's Disease", The New England Journal of Medicine, vol. 325, no. 26, pages 1849-1857 1991				
AN	GLENNER, George G. et al. "Alzheimer's Disease: Initial Report of the Purification and Characterization of a Novel Cerebrovascular Amyloid Protein", vol. 120, no. 3, pages 885-890 1984				
AO	MASTERS, Colin L. et al. "Amyloid plaque core protein in Alzheimer disease and Down syndrome", Proc. Natl. Acad. Sci., vol. 82, pages 4245-4249 1985				
AP	DAVIES, L. et al. "A4 amyloid protein deposition and the diagnosis of Alzheimer's disease: Prevalence in aged brains determined by immunocytochemistry compared with conventional neuropathologic techniques", Neurology, vol. 38, pages 1688-1693 1988				
AQ	SOTO, Claudio et al. "Structural Determinants of the Alzheimer's Amyloid beta-Peptide", Journal of Neurochemistry, vol. 63, pages 1191-1198 1994				
AR	SISODIA, Sangram S. et al. "Role of the beta-amyloid protein in Alzheimer's disease", FASEB J., vol. 9, pages 366-370 1995				
AS	YANKER, Bruce A. et al. "Nerve growth factor potentiates the neurotoxicity of beta amyloid", Proc. Natl. Acad. Sci., vol. 87, pages 9020-9023 1990			<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner				Date Considered	
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AT	SOTO, Claudio. "Plaque busters: strategies to inhibit amyloid formation in Alzheimer's disease", Molecular Medicine Today, vol. 5, pages 343-350 1999
	AU	YANKNER, Bruce A. et al. "Neurotoxicity of a Fragment of the Amyloid Precursor Associated with Alzheimer's Disease", Science, vol. 245, pages 417-420 1989
	AV	ROHER, A.E. et al. "Beta-Amyloid from Alzheimer Disease Brains Inhibits Sprouting and Survival of Sympathetic Neurons", Biochemical and Biophysical Research Communications, vol. 174, no.2, pages 572-579 1991
	AW	KOWALL, Neil W. et al. "An in vivo model for the neurodegenerative effects of beta amyloid and protection by substance P", Proc.Natl. Acad. Sci., vol. 88, pages 7247-7251 1991
	AX	LEVY, Efrat et al. "Mutation of the Alzheimer's Disease Amyloid Gene in Hereditary Cerebral Hemorrhage, Dutch Type", Science, vol. 248, pages 1124-1126 1990
	AY	TEAHAN, O. et al. "White matter pathology in Alzheimer's disease and vascular dementia: quantification by amyloid-beta precursor protein immunocytochemistry", Neuropathology and Applied Neurobiology, vol. 28, page 168-170 2002
	AZ	WISNIEWSKI, Thomas et al. "Molecular Biology of Brain Aging and Neurodegenerative Disorders", Acta Neurobiol. Exp., vol. 56, pages 267-279 1996
	AAA	MAURY, C.P.J. "Biology of Disease: Molecular Pathogenesis of beta-Amyloidosis in Alzheimer's Disease and Other Cerebral Amyloidoses", Laboratory Investigation, vol. 72, no. 1, pages 4-16 1995
	AAB	JORDAN, Barry D. "Chronic Traumatic Brain Injury Associated with Boxing", Seminars in Neurology, vol. 20, no. 2, pages 179-185 2000
	AAC	GRAHAM, D.I. et al. "Altered beta-APP Metabolism After Head Injury and its Relationship to the Aetiology of Alzheimer's Disease", Acta Neurochir., supp. Vol. 66, pages 96-102 1996
	AAD	KANG, Jie et al. "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor", Nature, vol. 325, pages 733-736 1987
	AAE	TANZI, Rudolph E. et al. "Amyloid beta Protein Gene: cDNA, mRNA Distribution, and Genetic Linkage Near the Alzheimer Locus", Science, vol. 235, pages 880-884 1987
	AAF	ROBAKIS, Nikolaos K. et al. "Molecular cloning and characterization of a cDNA encoding the cerebrovascular and the neuritic plaque amyloid peptides", Proc. Natl. Acad. Sci., vol. 84, ages 4190-4194 1987
	AAG	GOLDGABER, Dmitry et al. "Characterization and Chromosomal Localization of a cDNA Encoding Brain Amyloid of Alzheimer's Disease", Science, vol. 235, pages 877-880 1987
	AAH	MANN, D.M.A. et al. "An Analysis of the Morphology of Senile Plaques in Down's Syndrome Patients of Different Ages Using Immunocytochemical and Lectin Histochemical Techniques", Neuropathology and Applied Neurobiology, vol. 15, pages 317-329 1989
	AAI	RUMBLE, Baden et al. "Amyloid A4 Protein and its Precursor in Down's Syndrome and Alzheimer's Disease", The New England Journal of Medicine, vol. 320, no.22, pages 1446-1452 1989
	AAJ	MANN, D.M.A. "Alzheimer's disease and Down's syndrome", Histopathology, vol. 13, pages 125-137 1988

Examiner

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)					
	AAK	SEUBERT, Peter et al. "Isolation and quantification of soluble Alzheimer's beta-peptide from biological fluids", Nature, vol. 359, pages 325-327 1992			
	AAL	SHOJI, Mikio et al. "Production of the Alzheimer Amyloid beta Protein by Normal Proteolytic Processing", Science, vol. 258, pages 126-129 1992			
	AAM	MORI, Hiroshi et al. "Mass Spectrometry of Purified Amyloid beta Protein in Alzheimer's Disease", The Journal of Biological Chemistry, vol. 267, no. 24, pages 17082-17086 1992			
	AAN	MILLER, David L. et al. "Peptide Compositions of the Cerebrovascular and Senile Plaque Core Amyloid Deposits of Alzheimer's Disease", Archives of Biochemistry and Biophysics, vol. 301, no. 1, pages 41-52 1993			
	AAO	THOMAS, Philip J. et al. "Defective protein folding as a basis of human disease", TIBS, vol. 20, pages 456-459 1995			
	AAP	SOTO, Claudio et al. "Alzheimer's and prion disease as disorders of protein conformation: implications for the design of novel therapeutic approaches", J. Mol. Med., vol. 77, pages 412-418 1999			
	AAQ	SERPELL, L.C. et al. "The molecular basis of amyloidosis", CMLS, vol. 53, pages 871-887 1997			
	AAR	SYPE, Jean D. "Amyloidosis", Annu. Rev. Biochem, vol. 61, pages 947-975 1992			
	AAS	GHISO, Jorge et al. "Unifying Features of Systemic and Cerebral Amyloidosis", Molecular Neurobiology, vol. 8, pages 49-64 1994			
	AAT	SOTO, Claudio et al. "Reversion of prion protein conformational changes by synthetic beta-sheet breaker peptides", The Lancet, vol. 355, pages 192-197 2000			
	AAU	SOTO, Claudio et al. "The alpha-Helical to beta-Strand Transition in the Amino-terminal Fragment of the Amyloid beta-Peptide Modulates Amyloid Formation", The Journal of Biological Chemistry, vol. 270, no. 7, pages 3063-3067 1995			
	AAV	YANKNER, Bruce A. "Mechanisms of Neuronal Degeneration in Alzheimer's Disease", Neuron, vol. 16, pages 921-932 1996			
	AAW	LEVINE, Harry III. "Thioflavine T interaction with synthetic Alzheimer's disease beta-amyloid peptides: Detection of amyloid aggregation in solution", Protein Science, vol. 2, pages 404-410 1993			
	AAX	TRIGUERO, Domingo et al. "Capillary Depletion Method for Quantification of Blood-Brain Barrier Transport of Circulating Peptides and Plasma Proteins", Journal of Neurochemistry, vol. 54, pages 1882-1888 1990			
	AAY				
	AAZ				
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